

ABSTRACT OF THE DISCLOSURE

A non-linear magnetic harmonic motion converter apparatus for transferring non-linear motion into rotational motion for producing work from an interaction of at least two magnetic fields. An axial shaft is disposed in rotating relationship with at least one gimbal supported magnet that reciprocates in relation to the axial shaft. At least one rotor magnet is disposed to rotate in relation to the axial shaft in response to non-linear movement of the at least one gimbal supported magnet. A plurality of rotor magnet units may be proximally disposed to rotate about separate axial shafts, with each rotor magnet unit having a rotor magnetic field influenced by the non-linear movement of the at least one gimbal supported magnet disposed proximal to each rotor magnet unit. Movement of the each gimbal supported magnet creates repulsion and attraction of each respective rotor magnet, with inducement of axial shaft rotation, thereby producing rotational movement that is harnessed to perform work. Also disclosed are combinations of rotor magnet units disposed to rotate about respective axial shafts upon the reciprocation of a central gimbal supported magnet, for utilization in the operation of a fluid transfer pump and/or an electric generator.